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8. PCB Diagrams

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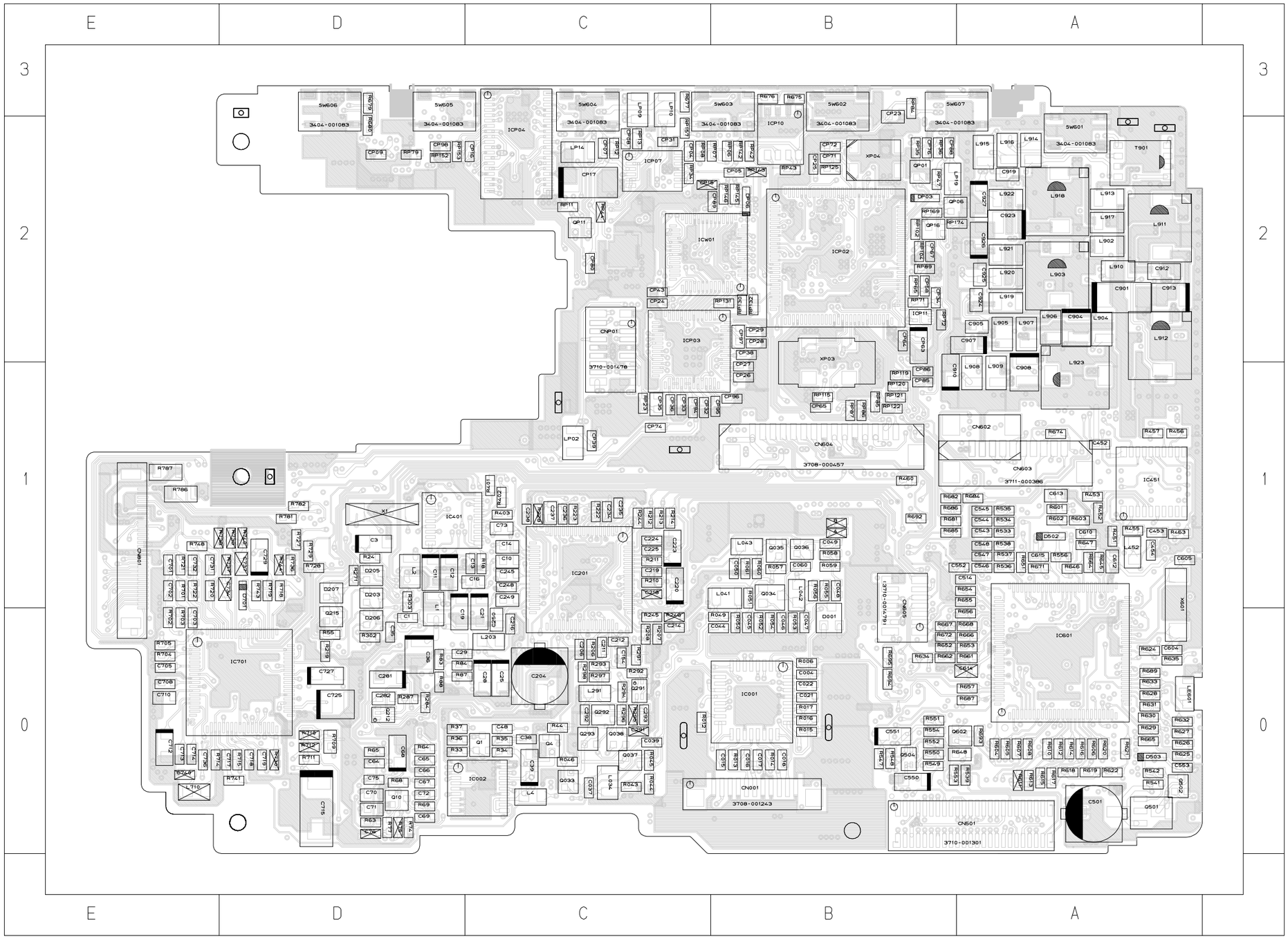
8-1 Main PCB (Component Side)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D
C
B
A
3
2
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SW605
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SW604
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3404-001083
SW602
3404-001083
SW607
3404-001083
SW601
3404-001083
ICP04
ICP07
ICP10
XP04
QP01
T901
L915
L916
L914
L918
L913
L917
L911
L902
L910
C912
C901
C913
L903
L912
L904
L906
C904
L905
L907
C905
C907
L923
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L909
C908
C910
L919
L920
L921
L922
C923
C919
C909
C911
C906
C902
C903
QP06
QP03
RP169
QP16
RP174
RP89
RP71
ICP11
RP75
RP119
RP120
RP121
RP122
RP115
CP65
CP74
LP02
CN504
3708-000457
CN602
CN603
3711-000386
R672
C452
IC451
R457
R456
R455
L452
C453
R453
R463
C451
C613
R601
R602
R603
D502
C610
R627
R624
R625
C612
C605
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IC601
R689
R633
R628
R631
R630
R629
R665
R626
R625
D503
C553
R542
R541
Q502
Q501
C501
CN501
3710-001301
CN601
3710-001479
R692
R686
R681
R685
C545
C544
C543
C542
C552
C546
C547
C514
R654
R655
R656
R667
R668
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R666
R652
R653
R662
R661
R657
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R624
C604
R635
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C551
Q602
R643
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Q504
C550
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R613
R612
R611
R610
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R608
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R605
R604
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R602
R601
C615
R556
R671

*** RESISTOR ***

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RP46 (C2)
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RP53 (C3)
RP54 (C3)
RP59 (C3)
RP60 (C2)
RP61 (C3)
RP63 (C2)
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RP67 (C2)
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RP76 (C3)
RP77 (C2)
RP78 (E3)
RP80 (C3)
RP81 (C3)
RP82 (C2)
RP88 (C2)
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R002 (C1)
R003 (C1)
R004 (C1)
R005 (C1)
R007 (C1)
R008 (C1)
R009 (D1)
R010 (C1)
R011 (D1)
R019 (C0)
R020 (C0)
R021 (C0)
R022 (C0)
R023 (D0)
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RP158 (C3)
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RP168 (D3)
RP17 (D3)
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RP171 (C3)
RP172 (C3)
RP173 (C3)
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RP18 (D3)
RP19 (D3)
RP20 (D3)
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RP39 (D2)
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RP09 (C3)
RP10 (D3)
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R039 (D1)

*** CONDENSER ***

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CP92 (C3)
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C722 (F1)
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C9 (E2)
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C003 (C1)
C005 (C1)
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C009 (D1)
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C035 (D1)
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C227 (D2)
C228 (D1)
C229 (D1)
C231 (D2)
C232 (D2)
C239 (D1)

*** IC&WAFER ***

IC502 (B1)
ICP01 (C3)
IC004 (E1)
IC202 (E1)
IC501 (B1)
IC901 (B3)
ICP06 (D3)
ICP08 (D3)
ICP09 (C2)
IC503 (B11)

*** XTAL ***

XP01 (C3)

*** TR ***

Q907 (B3)
Q908 (B3)
Q909 (B3)
Q910 (B2)
QP02 (C2)
QP03 (C3)
QP04 (D2)
QP05 (D3)
QP09 (D3)
QP10 (D3)
QP12 (C2)
QP15 (C3)
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Q904 (B2)
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Q906 (B3)
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Q051 (D0)
Q052 (C0)
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Q707 (F1)
Q761 (F2)
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Q8 (E0)
Q9 (E0)
Q901 (B3)
Q902 (B2)

*** COIL ***

L033 (D1)
L051 (C0)
L052 (C0)
L061 (D1)
L251 (C1)
L3 (E2)
L401 (E2)
L451 (B2)
L502 (B0)
L6 (E1)
L701 (E1)
LP18 (C3)
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L002 (C1)
L003 (C1)
L031 (D1)
L032 (D1)
L202 (D1)
L204 (D1)
L252 (C1)
L253 (C1)
L503 (B2)
L601 (B2)
L702 (E0)
L901 (B2)
LP01 (D2)
LP03 (C3)
LP04 (C3)
LP07 (D2)
LP17 (C2)

*** DIODE ***

D202 (D1)
D501 (B1)
D901 (B3)
DG01 (C2)
DG02 (D2)
DG03 (C2)
DP02 (C3)
DP04 (C2)
DP05 (D3)
DP07 (D3)
D201 (D2)
D204 (D1)
DP01 (C2)

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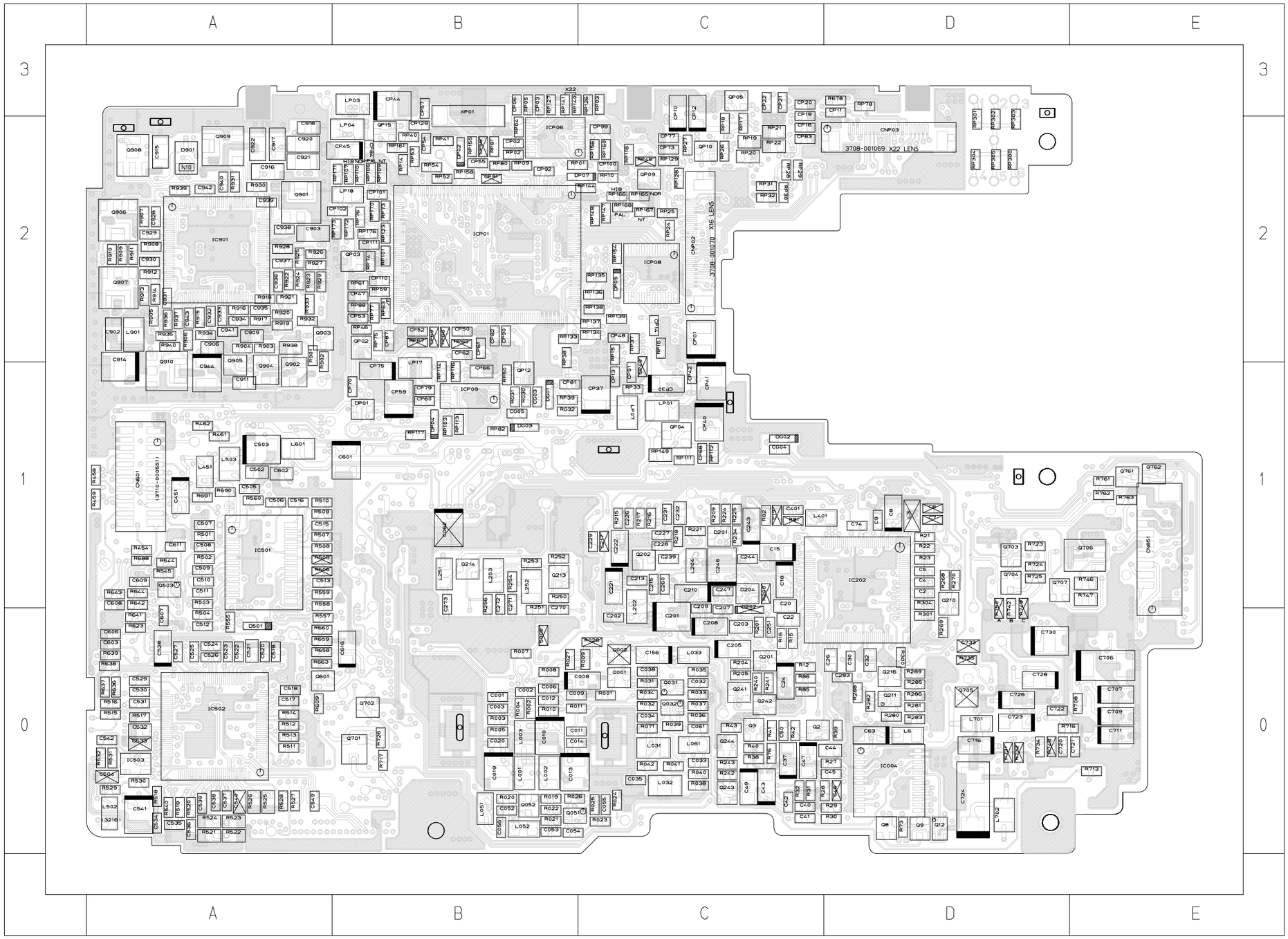
8-2 Main PCB (Conductor Side)



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*** TR ***

Q903 (C2)
Q904 (B2)
Q905 (B2)
Q906 (B3)
Q001 (D1)
Q002 (D1)
Q031 (D1)
Q032 (D1)
Q051 (D0)
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Q2 (E1)
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Q707 (F1)
Q761 (F2)
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Q908 (B3)
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Q910 (B2)
QP02 (C2)
QP03 (C3)
QP04 (D2)
QP05 (D3)
QP09 (D3)
QP10 (D3)
QP12 (C2)
QP15 (C3)

*** RESISTOR ***

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RP74 (C3)
RP75 (C2)
RP76 (C3)
RP77 (C2)
RP78 (E3)
RP80 (C3)
RP81 (C3)
RP82 (C2)
RP88 (C2)
R001 (D1)
R002 (C1)
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R004 (C1)
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R008 (C1)
R009 (D1)
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R253 (C1)
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CP91 (C3)
CP92 (C3)
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C246 (D1)
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C541 (B0)
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CP30 (D2)
CP37 (D2)
CP40 (D2)
CP41 (D2)
CP44 (C3)
CP45 (C3)
CN601 (B2)
CN851 (F1)
CNP02 (D3)
CNP03 (E3)

*** DIODE ***

D202 (D1)
D501 (B1)
D901 (B3)
DG01 (C2)
DG02 (D2)
DG03 (C2)
DP02 (C3)
DP04 (C2)
DP05 (D3)
DP07 (D3)
D201 (D2)
D204 (D1)
DP01 (C2)

*** IC&WAFER ***

IC502 (B1)
ICP01 (C3)
IC503 (B1)
IC004 (E1)
IC202 (E1)
IC501 (B1)
IC901 (B3)
ICP06 (D3)
ICP08 (D3)
ICP09 (C2)

*** COIL ***

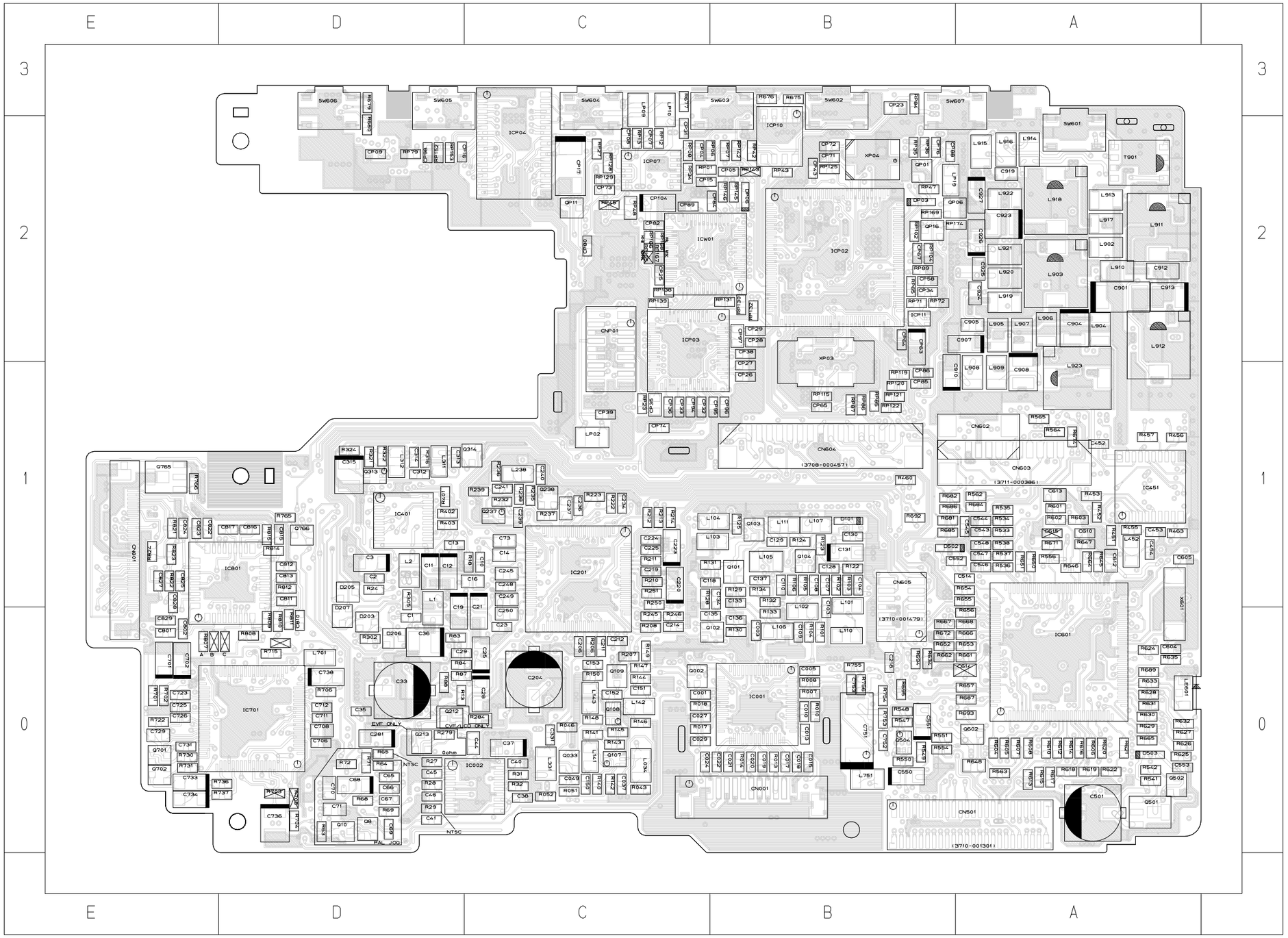
L033 (D1)
L051 (C0)
L001 (C1)
L002 (C1)
L003 (C1)
L031 (D1)
L032 (D1)
L202 (D1)
L204 (D1)
L252 (C1)
L253 (C1)
L503 (B2)
L601 (B2)
L702 (E0)
L901 (B2)
LP01 (D2)
LP03 (C3)
LP04 (C3)
LP07 (D2)
LP17 (C2)
L052 (C0)
L061 (D1)
L251 (C1)
L3 (E2)
L401 (E2)
L451 (B2)
L502 (B0)
L6 (E1)
L701 (E1)
LP18 (C3)

*** XTAL ***

XP01 (C3)

8.PCB Diagrams 3/27/95 10:02 AM Page 6

8-3 Main PCB (Hi-8) (Component Side)



8.PCB Diagrams 3/27/95 10:02 AM Page 7

*** IC&WAFER ***

X601 (B1)
XP03 (C2)
XP04 (C3)

IC001 (C1)
IC002 (E0)
IC201 (D1)
ICP11 (C2)
IC401 (E2)
IC451 (B2)
IC801 (F1)
IC701 (E1)
ICP07 (D3)
ICP10 (C3)
ICW01 (D3)
ICP03 (D2)
ICP04 (D3)
IC601 (B1)
ICP02 (C3)

*** TR ***

Q002 (D1)
Q033 (D1)
Q10 (E0)
Q101 (D1)
Q102 (D1)
Q103 (C2)
Q104 (C1)
Q107 (D1)
Q108 (D1)
Q109 (D1)
Q212 (E1)
Q213 (E1)
Q237 (D2)
Q238 (D2)
Q313 (E2)
Q314 (E2)
Q501 (B0)
Q502 (B0)
Q504 (C1)
Q602 (C1)
Q701 (F1)
Q702 (F1)
Q765 (F2)
Q766 (E2)
Q8 (E0)
QP01 (C3)
QP11 (D3)
QP06 (C3)
QP16 (C3)

*** DIODE ***

D101 (C2)
DP03 (C3)
DP06 (C3)
D502 (C1)
D503 (B1)
D203 (E1)
D205 (E1)
D206 (E1)
D207 (E1)

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R551 (C1)
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R245 (D1)
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R29 (E0)
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R305 (E1)
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R316 (E2)
R32 (D0)
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R401 (E2)
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R403 (E2)

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CN603 (B2)
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CN801 (F1)

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C925 (C3)
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CP07 (D3)
CP08 (D3)
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C712 (E1)
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C133 (D1)
C134 (D1)
C135 (D1)
C136 (C1)
C137 (C1)
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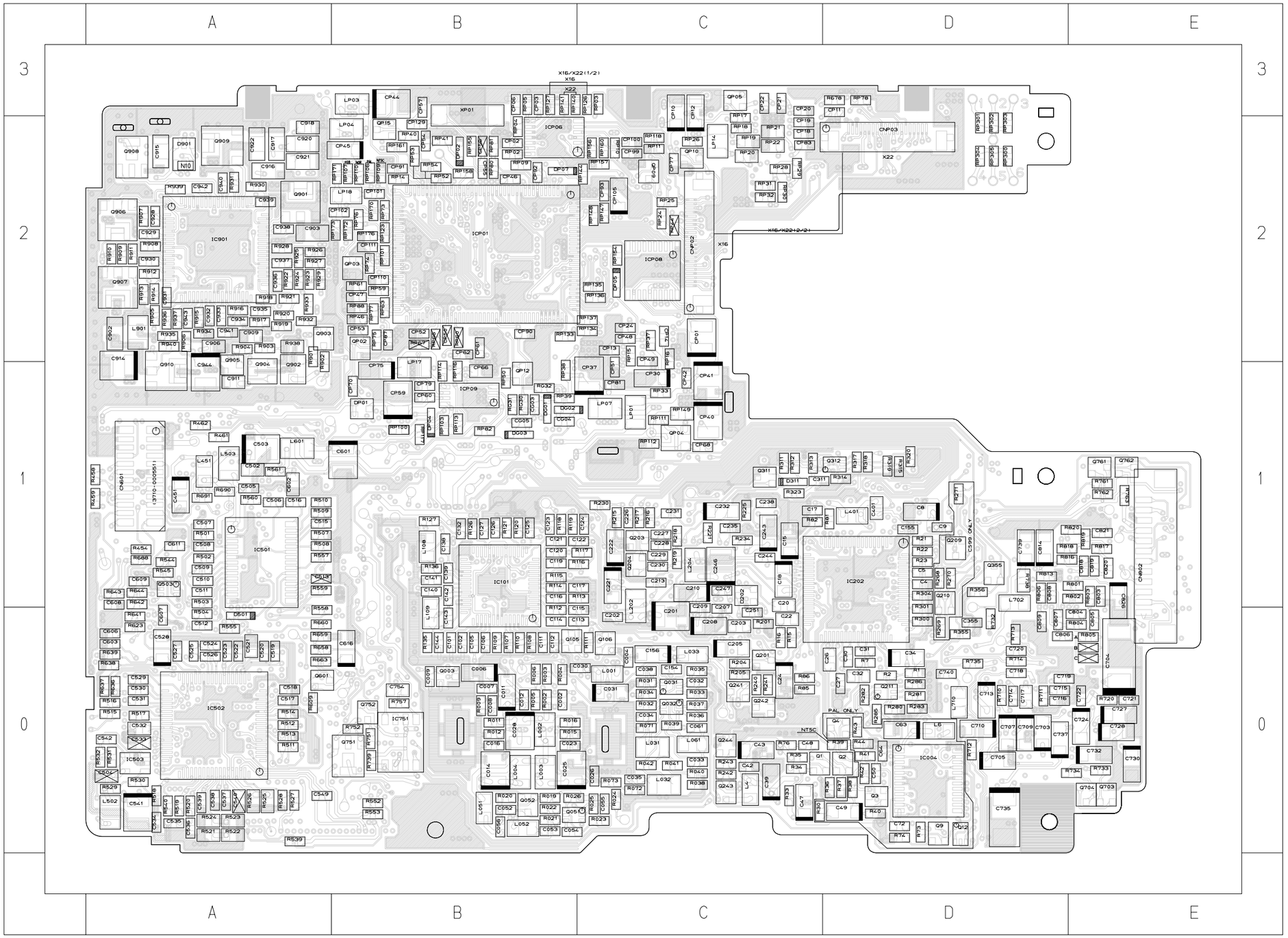
C152 (D1)

8.PCB Diagrams 3/27/95 10:02 AM Page 8

8-4 Main PCB (Hi-8) (Conductor Side)



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R751 (C1)
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R806 (E1)
R816 (F1)
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R818 (F1)
R819 (F2)
R82 (E2)
R813 (F1)
R688 (B1)
R7 (E1)
R81 (E2)
R710 (E1)
R711 (F1)
R712 (E1)
R713 (E1)
R714 (E1)
R720 (F1)
R73 (E0)
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R642 (B1)
R643 (B1)
R644 (B1)
R732 (E1)
R733 (F1)
R734 (F1)

RP147 (D3)
RP148 (D3)
RP149 (D2)
RP15 (D2)
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R86 (E1)
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R902 (C2)
R903 (B2)
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R908 (B3)
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R912 (B3)
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R915 (B2)
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R918 (B2)
R919 (B2)
R920 (B2)
R921 (B2)
R922 (B3)
R923 (C3)
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R925 (B3)
R926 (C3)
R927 (C3)
R928 (B3)
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R658 (C1)
R659 (C1)

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RP05 (C3)
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RP81 (C3)
RP82 (C2)
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RP39 (D2)
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RP41 (C3)
RP126 (D3)
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RP75 (C2)
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RP78 (E3)
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R012 (C1)
R015 (D1)
R016 (D1)
R660 (C1)

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R041 (D1)
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D901 (B3)
DG01 (C2)
DG02 (D2)
DG03 (C2)
DP02 (C3)
DP07 (D3)
DP04 (C2)
DP05 (D3)

*** CHIP ***

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C401 (E2)
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*** CONDENSER ***

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C47 (E0)
C49 (E0)
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C616 (C1)
C63 (E1)
C944 (B2)
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CP10 (D3)
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C713 (E1)
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C727 (F1)
C728 (F1)
C730 (F1)
C732 (F1)
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CP12 (D3)
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C34 (E1)
C737 (F1)
C201 (D1)
C739 (E1)
C210 (D1)
C8 (E2)
C814 (F1)
C826 (F1)
CP30 (D2)
CP37 (D2)
CP40 (D2)
CP41 (D2)
CP44 (C3)

CP45 (C3)
CP59 (C2)
C914 (B2)
CP75 (C2)
CN802 (F1)
CN601 (B2)
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CNP03 (E3)
C006 (C1)
C011 (C1)
C014 (C1)
C025 (D1)
C028 (C1)
C031 (D1)
C39 (D1)
C43 (D1)
C451 (B2)
C15 (D1)
C156 (D1)
C18 (D1)
C205 (D1)
C208 (D1)
C221 (D1)
C222 (D1)
C232 (D2)
C24 (D1)

*** IC&WAFER ***

IC004 (E1)
IC101 (C1)
IC751 (C1)
IC202 (E1)
IC502 (B1)
ICP01 (C3)
IC501 (B1)
IC901 (B3)
ICP06 (D3)
ICP08 (D3)
ICP09 (C2)
IC503 (B1)

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L033 (D1)
L051 (C0)
L052 (C0)
L061 (D1)
L6 (E1)
L702 (E1)
L710 (E1)
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L109 (C1)
L4 (D0)
L401 (E2)
L451 (B2)
L002 (C1)
L003 (C1)
L004 (C1)
L031 (D1)
L032 (D1)
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LP14 (D3)
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L202 (D1)
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LP07 (D2)
L502 (B0)
L503 (B2)
L601 (B2)
L901 (B2)

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Q209 (E1)
Q210 (E1)
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*** TR ***

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Q244 (D1)
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Q311 (D2)
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Q355 (E1)
Q4 (E1)
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QP03 (C3)
QP04 (D2)
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QP09 (D3)
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QP12 (C2)
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Q601 (C1)
Q703 (F0)
Q704 (F0)
Q751 (C1)
Q752 (C1)
Q761 (F2)
Q762 (F2)
Q105 (D1)
Q106 (D1)
Q241 (D1)
Q9 (E0)
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Q902 (B2)
Q903 (C2)
Q904 (B2)
Q905 (B2)
Q906 (B3)
Q907 (B3)
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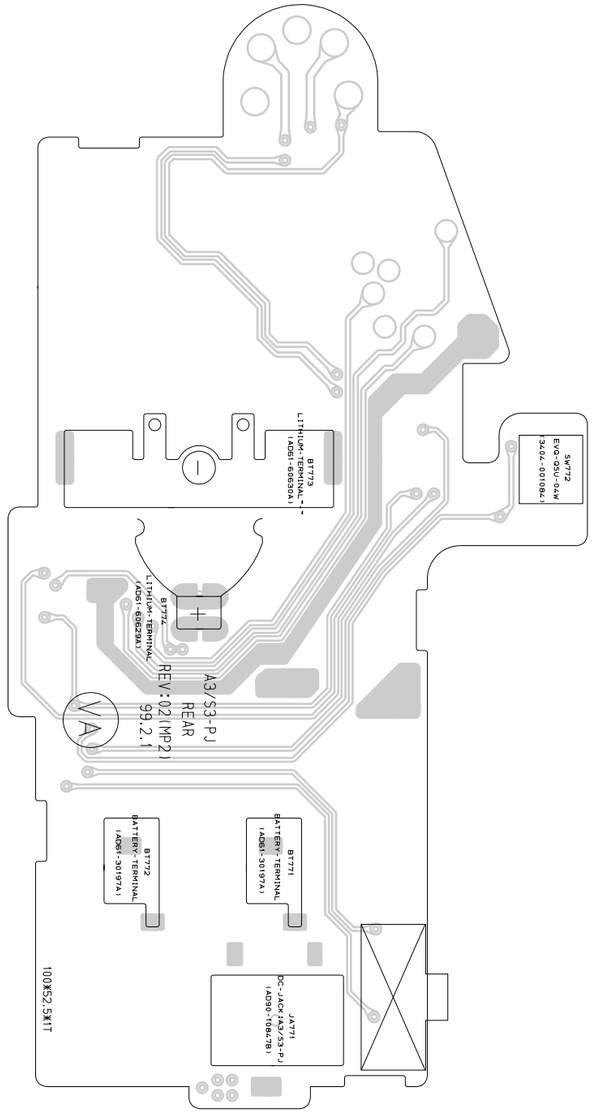
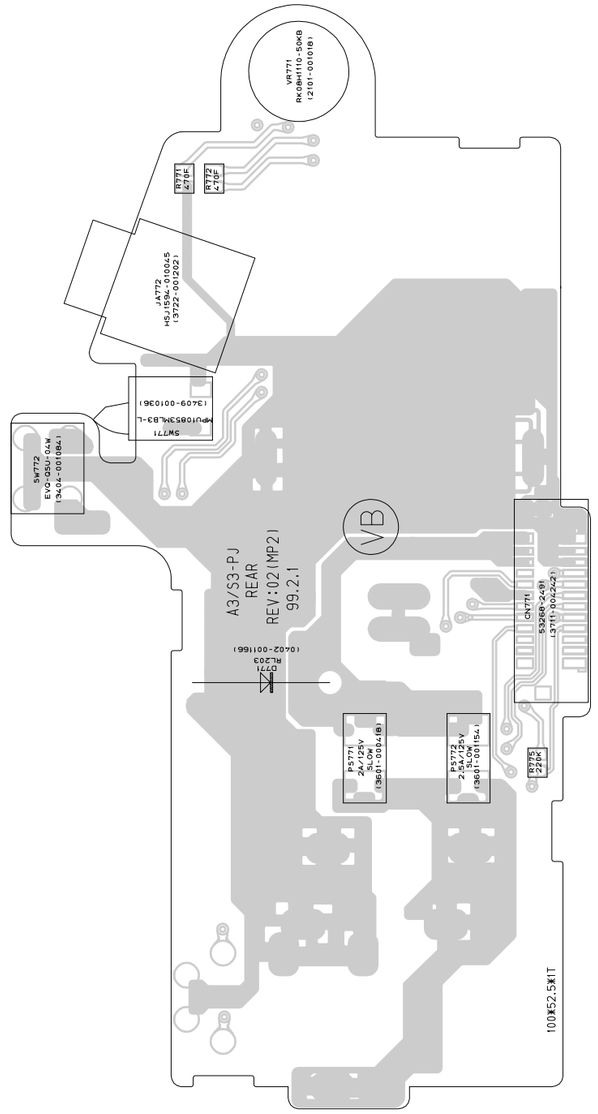
8-5 Rear PCB



(Component Side)



(Conductor Side)

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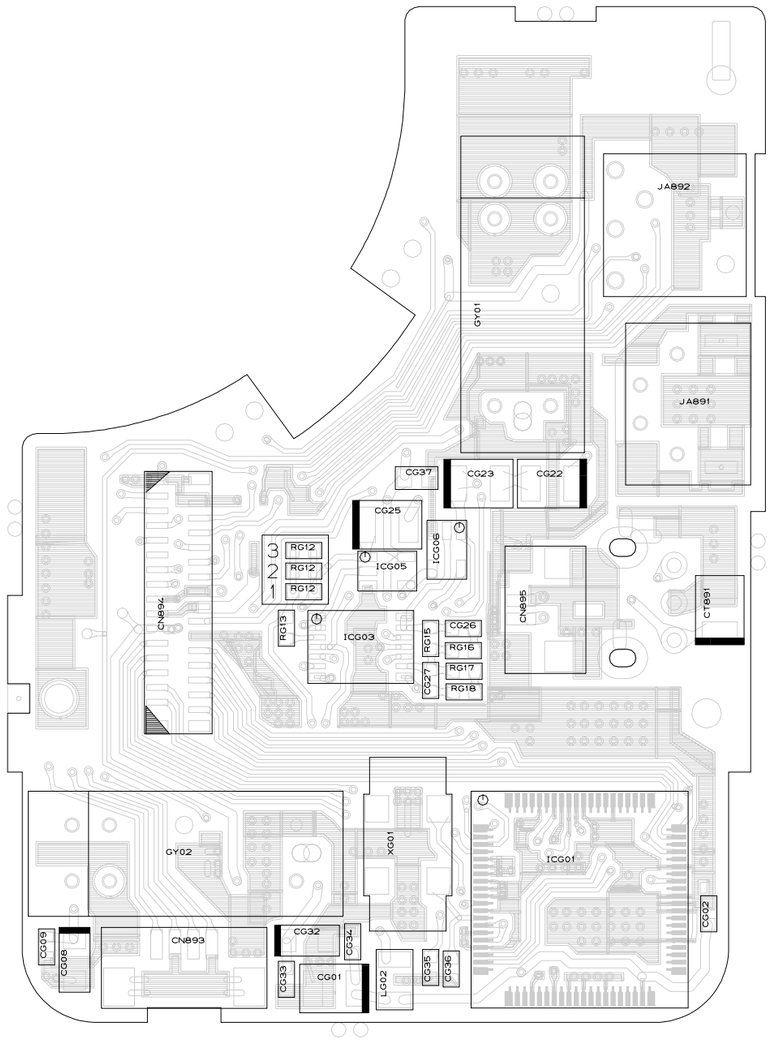
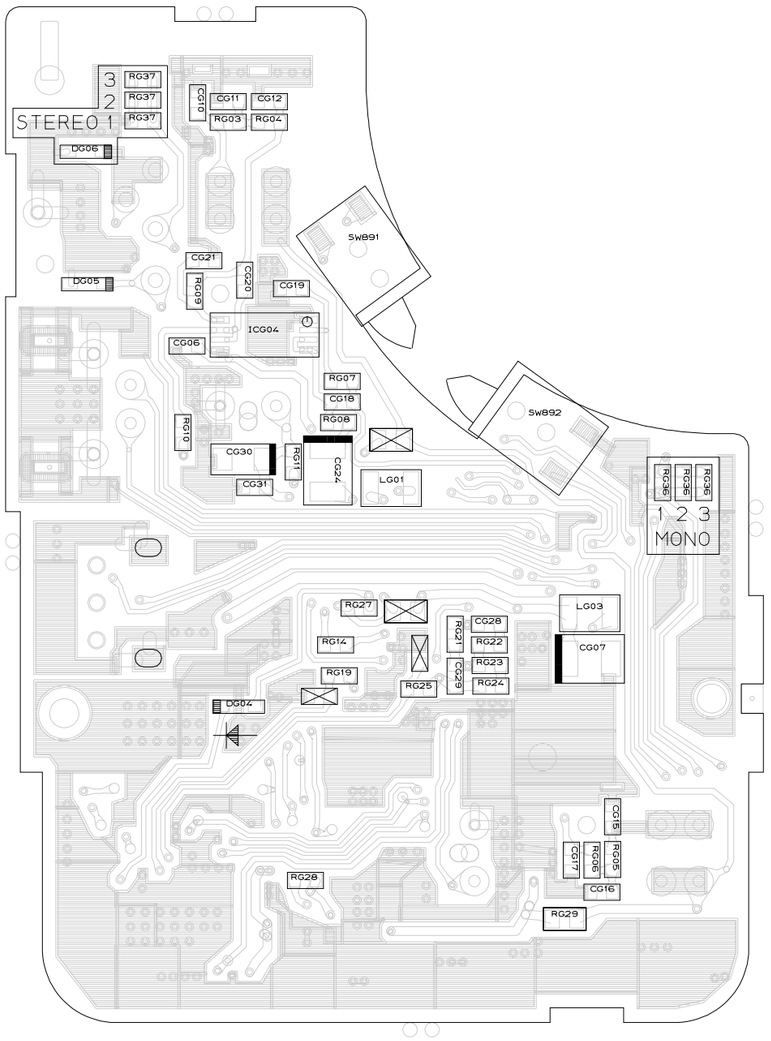
8-6 Front PCB with EIS



(Component Side)



(Conductor Side)

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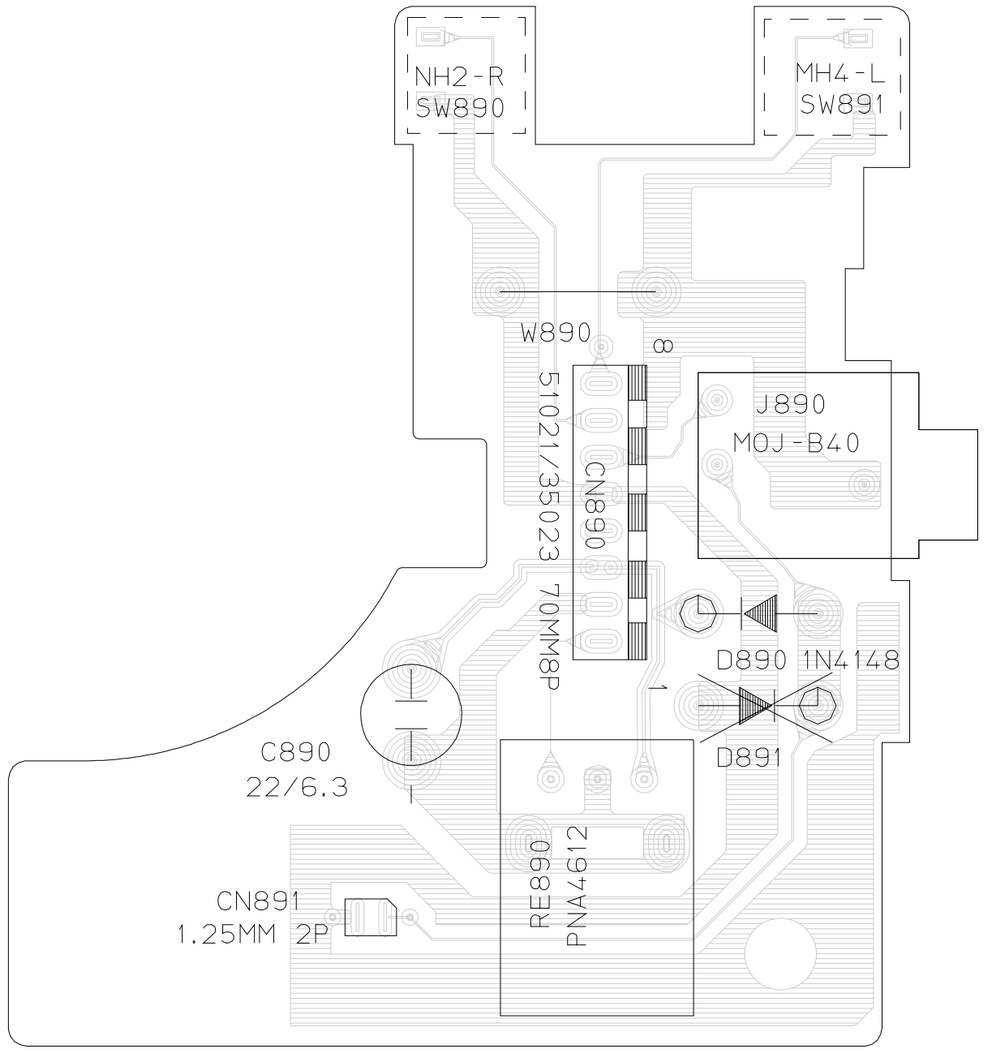
8-7 Front PCB without EIS (Mono)



(Component Side)

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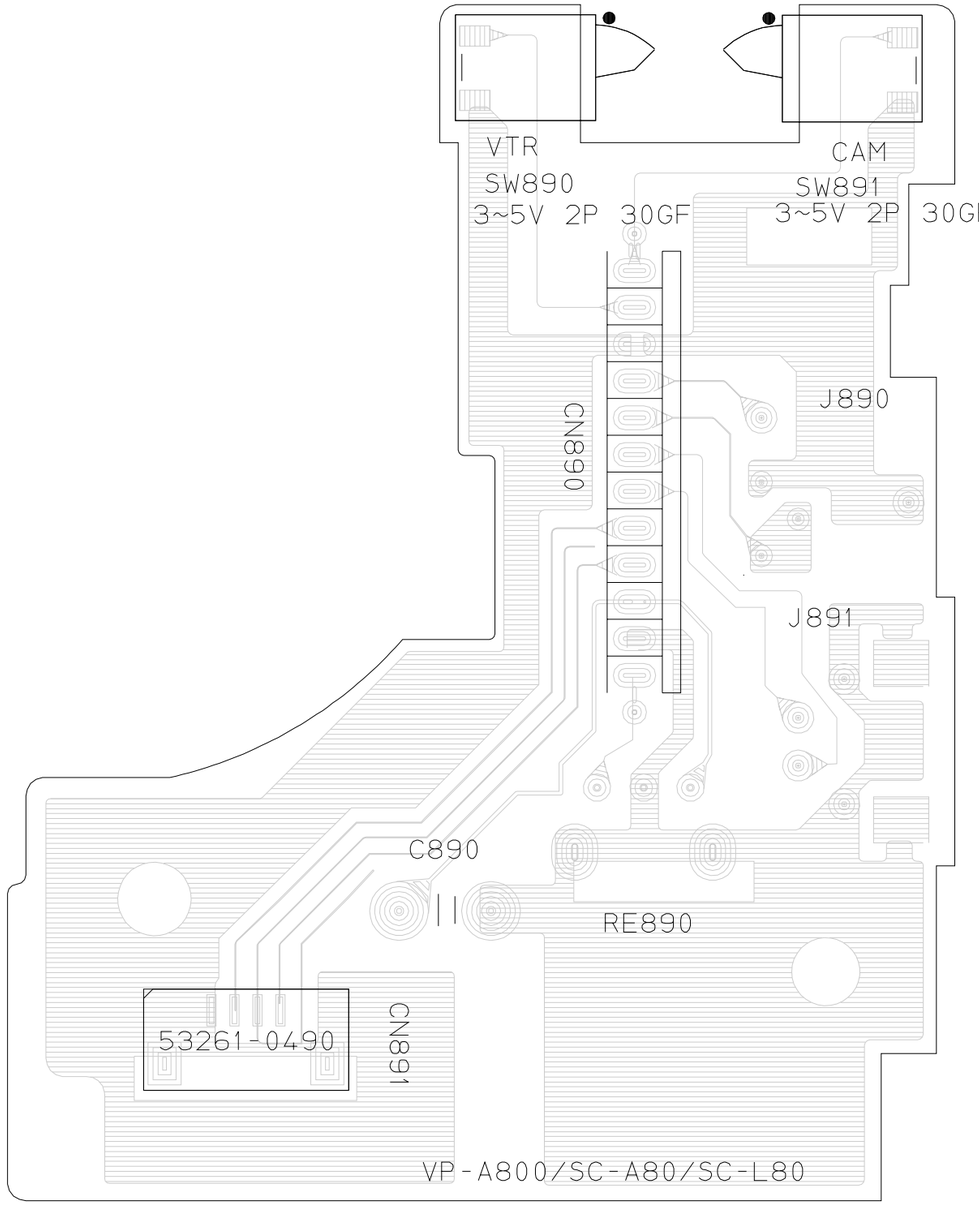
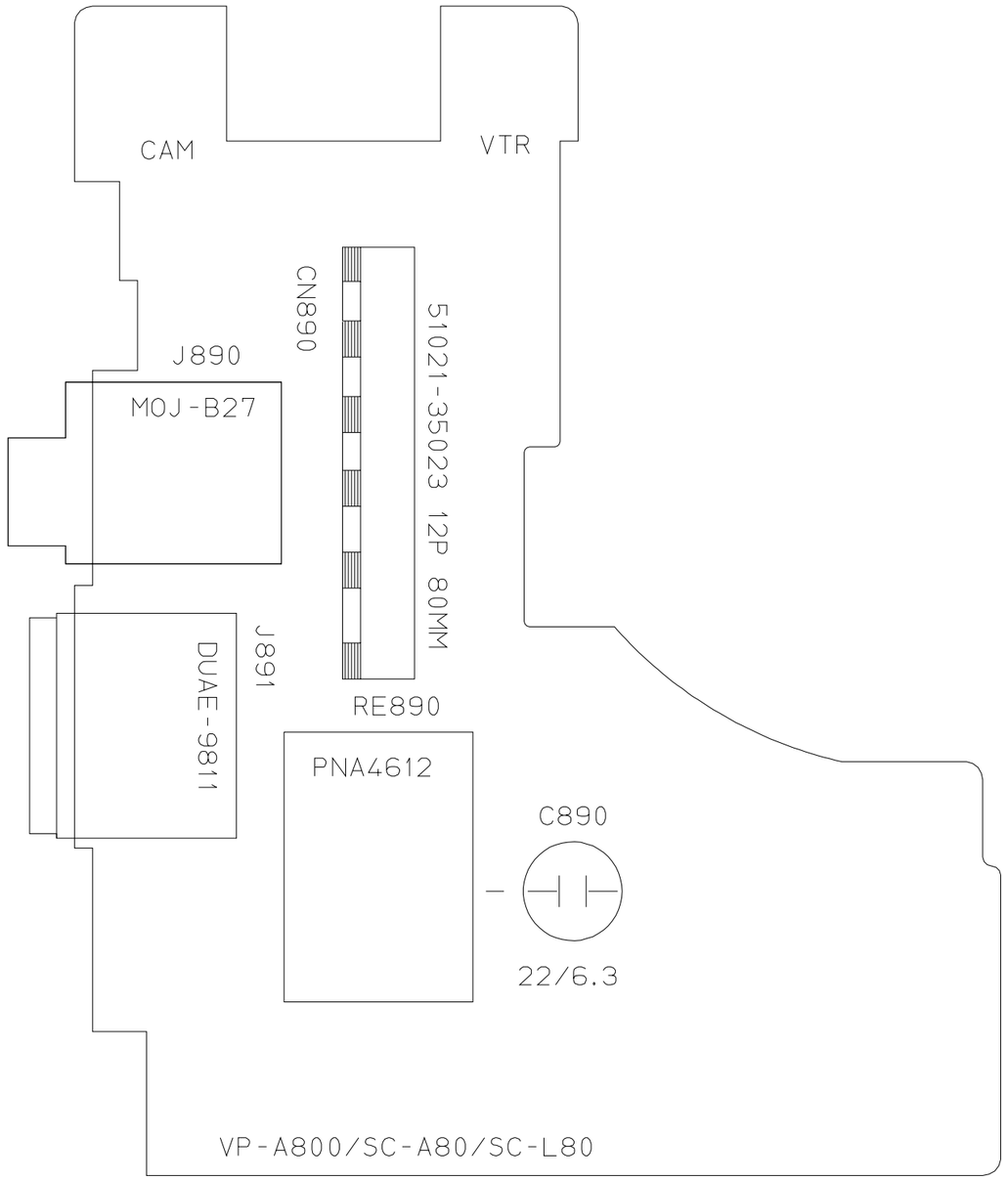
8-8 Front PCB without EIS (Stereo)



(Component Side)



(Conductor Side)

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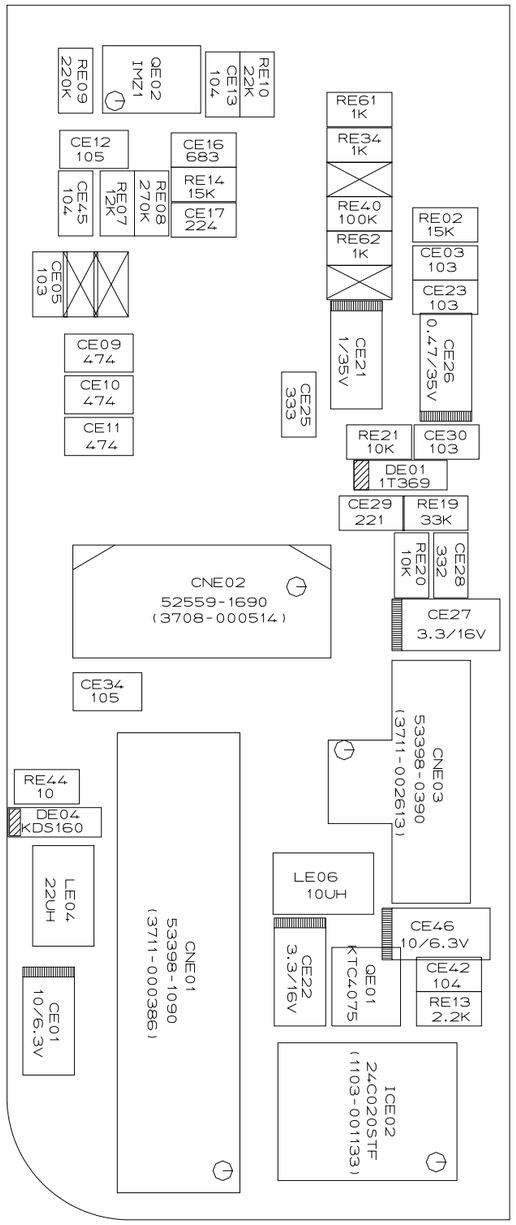
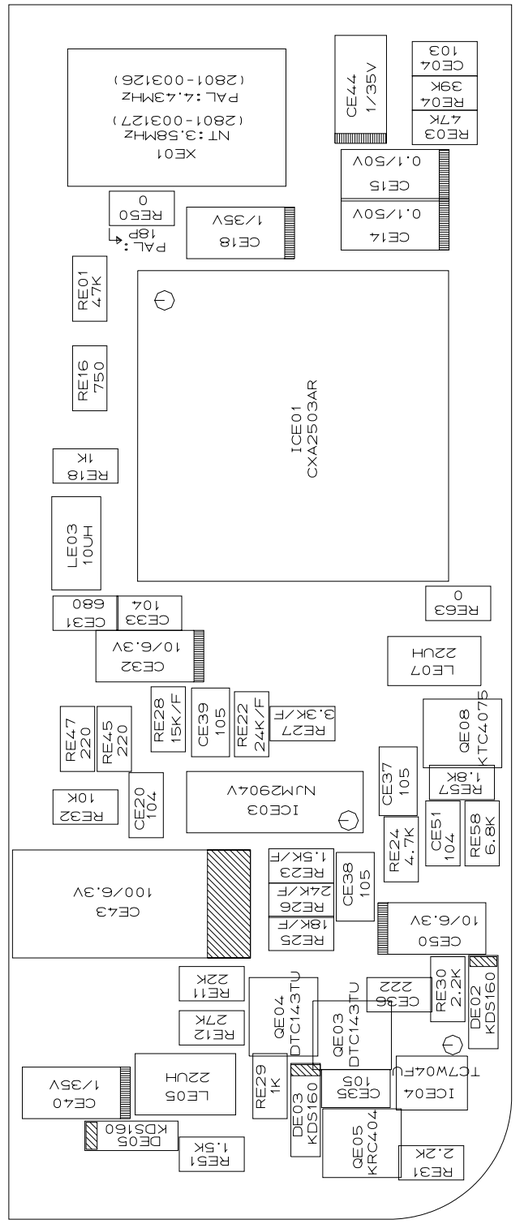
8-9 CVF PCB



(Component Side)



(Conductor Side)

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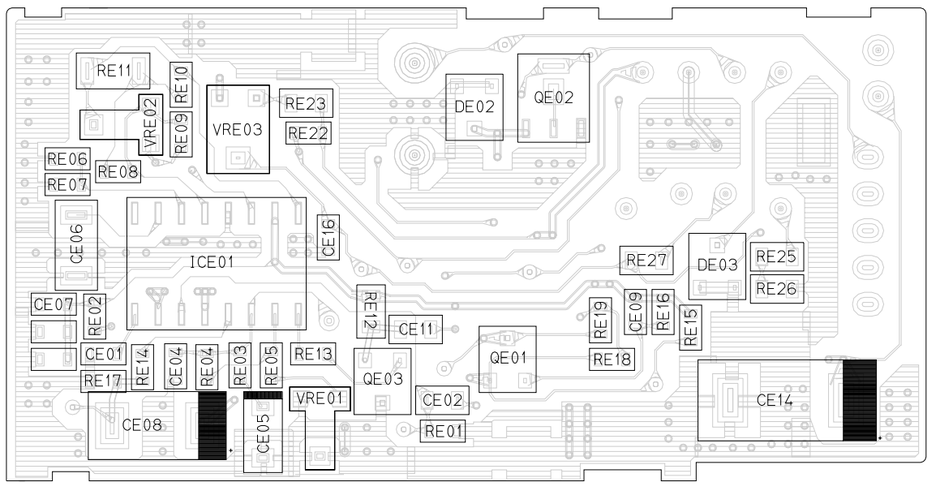
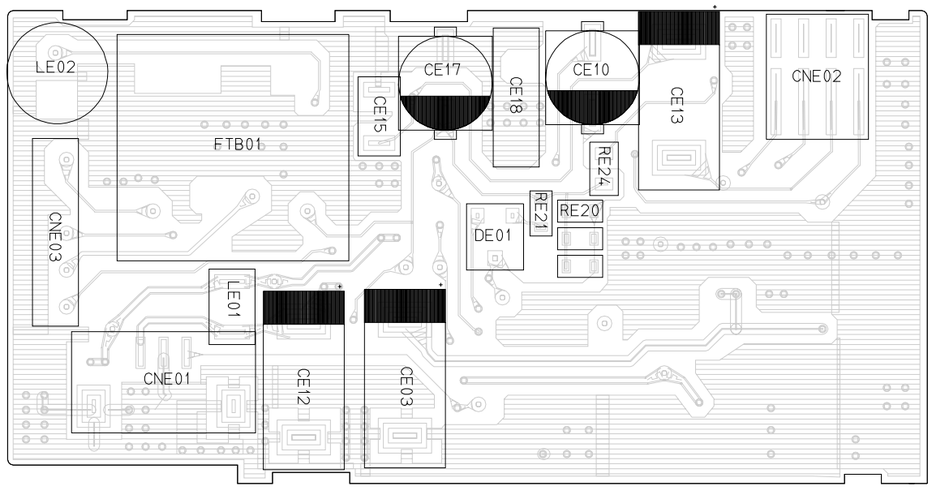
8-10 EVF PCB

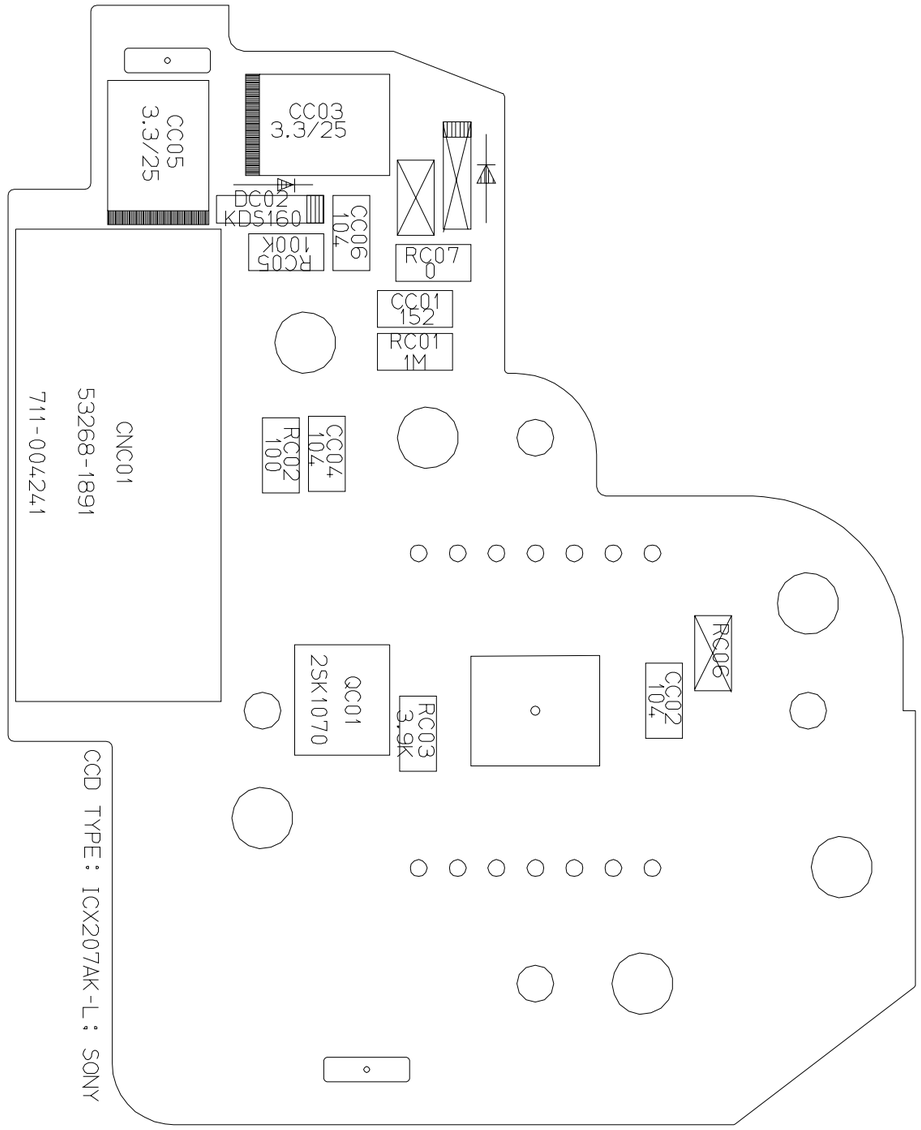
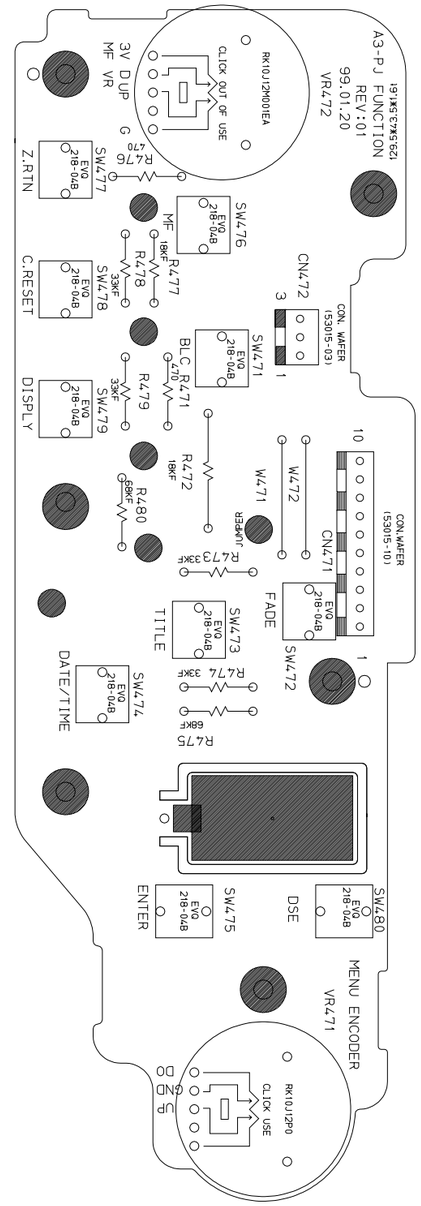


(Component Side)



(Conductor Side)

8-11 CCD PCB



8-12 Function PCB